

**SEMESTER III**  
**THEORY PAPER: EXPERIMENTAL PSYCHOLOGY-A**

**Total Marks: 100**

**End- Semester Exam: 70 marks**

**Internal Assessment: 30 marks**

**Pass Marks: 35%**

**Time Allowed: 3 Hrs**

**INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections A, B and C. Section A and B will have four questions each from the respective sections of the syllabus, out of which the candidate will be required to attempt two questions each from Section A and Section B. Each question will carry 8 marks. Section C is compulsory and shall comprise of 9 short answer type questions carrying 2 marks each covering the entire syllabus. The students are allowed to use any method to solve the statistics numerical.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions from Section A & 2 Questions from Section B of the question paper and the entire section C. The short type answer should be written in approximately 50 words in 3-4 lines. Note: Use of Non-Programmable Calculators and Statistical Tables allowed

**SECTION A**

- (i) Experimental Psychology : Nature, Types of Variables and Control of Extraneous Variables.
- (ii) Memory: Information Processing, levels of Processing, measures of Memory; Mnemonic;
- (iii) Forgetting: Causes of Forgetting: Decay, Interference, Retrieval failure, Motivated forgetting and Amnesia.

**SECTION B**

- (i) Learning: Nature, Determinants, Theories: Trial and Error learning, Gestalt (Insight learning). Classical Conditioning, Instrumental Conditioning. Types and schedules of Reinforcement.
- (ii) Statistics: Properties of Normal Probability Curve and its Applications, Degrees of Freedom, Levels of Significance. Chi Square- Nature and Applications.

**REFERENCES**

1. Boring, E.G. (1969). History of Experimental Psychology, New York: Appleton Century Crafts.
2. Feldman, R.S. (1996). Understanding Psychology. New Delhi: Tata McGraw-Hill.
3. Garrett, H.E.L. (1996) Statistics in Psychology and Education, Bombay; Vakils, Feffer and Simons.
4. Kerlinger, F.N. & Lee, H.B. (2000), Foundations of Behavioural research, New Delhi: Surjeet Publications.
5. Postman, L. & Egan, J.P. (1960), Experimental Psychology, New York; Harper & Row.
6. Schiffman, H.R. (1982). Sensation and Perception (2<sup>nd</sup> Ed), New York; John Wiley and Sons.